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Abstract of the Disclosure

A transceiver apparatus for creating a wireless personal local area network between a computer terminal and one or more peripheral devices. A separate transceiver is connected to the computer terminal and to each peripheral device. The transceivers can be connected to the terminal or peripheral device either internally or externally. A low power radio is used to communicate information between the computer terminal and peripheral devices. Different transceivers can be used for modifying the carrier frequency and power of the local area network. The microprocessor is located inside each transceiver and controls the information flow of the transceiver including the communication protocol which allows each device to know if other devices are communicating, which devices are being communicated to, and selectively address the peripheral devices. An Idle Sense communication protocol is used for information transfer between the computer terminal and the peripheral devices, increasing efficiency in power management and compensating for transmission collisions.